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(21)Application number : **09-125558**

(71)Applicant : **NIPPON KOKEN KK**

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(54) WATER ACTIVATING DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To make clusters of water molecules small and improve the dissolving force of a substance by providing tourmaline pipes on the inner periphery of a synthetic pipe formed into the given length and disposing a plurality of permanent magnets of different magnetic poles disposed face to face on the outside of the synthetic resin pipes.

SOLUTION: A plurality of tourmaline pipes 8 are fixed on the inner periphery of a vinyl chloride pipe 2. Tourmaline pipes 8 are formed by molding fine powder of tourmaline ore into the cylindrical shape. A plurality of permanent magnets 9 of different polarities are disposed face to face on both sides of

the pipe 2. The permanent magnets 9 are composed of neodymium, iron, boron and the like. Ions are activated by the permanent magnets 9 and the molecular motion is activated. Also the permanent magnets 9 are positioned by a positioning plate 15 fixed on the inner side of a cylindrical body 7 formed of magnetic metal. The pipe 2 and the tourmaline pipes 8, therefore, are encircled and retained by the permanent magnets 9 and the cylindrical body 7.

